

Concept Name: **Follicular_Lymphoma**

Pref. Name: Follicular Lymphoma

Synonyms: Follicle Center Lymphoma
Follicular Non-Hodgkin Lymphoma
Follicular Non-Hodgkin's Lymphoma

Parent: Mature_B-Cell_Non-Hodgkin_s_Lymphoma

Role Relationships (**asserted** or **inherited**):

all Disease_Has_Associated_Anatomic_Site Lymphatic_System

all Disease_Has_Normal_Tissue_Origin Lymphoid_Tissue

all Disease_Has_Normal_Tissue_Origin Germinal_Center

all Disease_Has_Normal_Cell_Origin Germinal_Center_B-Lymphocyte

all Disease_Has_Abnormal_Cell Neoplastic_B-Lymphocyte

all Disease_Has_Molecular_Abnormality Clonal_Immunoglobulin_Kappa_Light_Chain_Gene_Rearrangement

all Disease_Has_Molecular_Abnormality Clonal_Immunoglobulin_Heavy_Chain_Gene_Rearrangement

all Disease_Has_Molecular_Abnormality Clonal_Immunoglobulin_Lambda_Light_Chain_Gene_Rearrangement

some Disease_May_Have_Finding Lymphadenopathy

Definition: A neoplasm of follicle centre B cells which has at least a partial follicular pattern. Follicular lymphomas comprise about 35% of adult non-Hodgkin's lymphomas in the U.S. and 22% worldwide. Most patients have widespread disease at diagnosis. Morphologically, follicular lymphomas are classified as Grade 1, Grade 2, and Grade 3, depending on the percentage of the large lymphocytes present. The vast majority of cases (70-95%) express the BCL-2 rearrangement [t(14;18)]. Histological grade correlates with prognosis. Grades 1 and 2 follicular lymphomas are indolent and grade 3 is more aggressive (adapted from WHO, 2001). – 2003

Concept Name: **Grade_1_Follicular_Lymphoma**
 Pref. Name: Grade 1 Follicular Lymphoma
 Synonyms: Follicular Small Cleaved Cell Lymphoma
 Grade I Follicular Lymphoma
 Grade I Follicular Small Cleaved Cell Lymphoma
 Poorly Differentiated Nodular Lymphocytic Lymphoma
 Parent: Follicular_Lymphoma
 Parent: Indolent_Non-Hodgkin_s_Lymphoma

Role Relationships (**asserted** or **inherited**):

all	Disease_Has_Associated_Anatomic_Site	Lymphatic_System
all	Disease_Has_Normal_Tissue_Origin	Lymphoid_Tissue
all	Disease_Has_Normal_Tissue_Origin	Germinal_Center
all	Disease_Has_Normal_Cell_Origin	Germinal_Center_B-Lymphocyte
all	Disease_Has_Abnormal_Cell	Neoplastic_Small_Cleaved_Cell
some	Disease_May_Have_Abnormal_Cell	Neoplastic_Large_Non-Cleaved_Cell
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Heavy_Chain_Gene_Rearrangement
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Kappa_Light_Chain_Gene_Rearrangement
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Lambda_Light_Chain_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_BCL-2_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_BCL-6_Gene_Rearrangement
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q21
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q23
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q25-27
some	Disease_May_Have_Cytogenetic_Abnormality	t_14_18_q32_q21
some	Disease_May_Have_Cytogenetic_Abnormality	t_2_18_p12_q21
some	Disease_May_Have_Cytogenetic_Abnormality	t_9_14_p13_q32
all	Disease_Has_Finding	Indolent_Clinical_Course
all	Disease_Has_Finding	Nodular_Pattern
some	Disease_May_Have_Finding	Lymphadenopathy
all	Disease_Is_Grade	Grade_1

Concept Name: **Grade_2_Follicular_Lymphoma**
 Pref. Name: Grade 2 Follicular Lymphoma
 Synonyms: Follicular Mixed Cell Lymphoma
 Follicular Mixed Lymphocytic-Histiocytic Lymphoma
 Grade II Follicular Lymphoma
 Grade II Follicular Mixed Cell Lymphoma
 Nodular Mixed Lymphoma
 Parent: Follicular_Lymphoma
 Parent: Indolent_Non-Hodgkin_s_Lymphoma

Role Relationships (**asserted** or **inherited**):

all	Disease_Has_Associated_Anatomic_Site	Lymphatic_System
all	Disease_Has_Normal_Tissue_Origin	Lymphoid_Tissue
all	Disease_Has_Normal_Tissue_Origin	Germinal_Center
all	Disease_Has_Normal_Cell_Origin	Germinal_Center_B-Lymphocyte
all	Disease_Has_Abnormal_Cell	Neoplastic_Large_Non-Cleaved_Cell
all	Disease_Has_Abnormal_Cell	Neoplastic_Small_Cleaved_Cell
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Heavy_Chain_Gene_Rearrangement
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Kappa_Light_Chain_Gene_Rearrangement
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Lambda_Light_Chain_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_BCL-2_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_BCL-6_Gene_Rearrangement
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q21
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q23
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q25-27
some	Disease_May_Have_Cytogenetic_Abnormality	t_14_18_q32_q21
some	Disease_May_Have_Cytogenetic_Abnormality	t_2_18_p12_q21
some	Disease_May_Have_Cytogenetic_Abnormality	t_9_14_p13_q32
all	Disease_Has_Finding	Indolent_Clinical_Course
all	Disease_Has_Finding	Nodular_Pattern
some	Disease_May_Have_Finding	Lymphadenopathy
all	Disease_Is_Grade	Grade_2

Concept Name: Grade_3_Follicular_Lymphoma
Pref. Name: Grade 3 Follicular Lymphoma
Synonyms: Follicular Large Cell Lymphoma
Grade III Follicular Large Cell Lymphoma
Grade III Follicular Lymphoma
Nodular Histiocytic Lymphoma
Parent: Follicular_Lymphoma
Parent: Aggressive_Non-Hodgkin_s_Lymphoma

Role Relationships (**asserted** or **inherited**):

all	Disease_Has_Associated_Anatomic_Site	Lymphatic_System
all	Disease_Has_Normal_Tissue_Origin	Lymphoid_Tissue
all	Disease_Has_Normal_Tissue_Origin	Germinal_Center
all	Disease_Has_Normal_Cell_Origin	Germinal_Center_B-Lymphocyte
all	Disease_Has_Abnormal_Cell	Neoplastic_Large_Non-Cleaved_Cell
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Heavy_Chain_Gene_Rearrangement
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Kappa_Light_Chain_Gene_Rearrangement
all	Disease_Has_Molecular_Abnormality	Clonal_Immunoglobulin_Lambda_Light_Chain_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_BCL-2_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_BCL-6_Gene_Rearrangement
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q21
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q23
some	Disease_May_Have_Cytogenetic_Abnormality	del_6q25-27
some	Disease_May_Have_Cytogenetic_Abnormality	t_14_18_q32_q21
some	Disease_May_Have_Cytogenetic_Abnormality	t_2_18_p12_q21
some	Disease_May_Have_Cytogenetic_Abnormality	t_9_14_p13_q32
some	Disease_May_Have_Finding	Lymphadenopathy
all	Disease_Has_Finding	Aggressive_Clinical_Course
all	Disease_Has_Finding	Nodular_Pattern
all	Disease_Is_Grade	Grade_3